Name of Work: Restoration and Improvements of Balance roads of Ambabhavani layout, Ambabhavaninagara, SLN Enclave, Kere Anjeenappa layout, Sainagara Phase-2, Anugraha layout, Avikya layout and Surrounding areas in ward no-03 of Yelahanka New town Sub division (PACKAGE NO-03)

EMB

"SECOND AND FINAL BILL"

Name of Work: Restoration and Improvements of Balance roads of Ambabhavani layout, Ambabhavaninagara, SLN Enclave, Kere Anjeenappa layout, Sainagara Phase-2, Anugraha layout, Avikya layout and Surrounding areas in ward no-03 of Yelahanka New town Sub division (PACKAGE NO-03)

Detailed Measurements

Measurement Recorded On: 2nd Bill - 15-2-22, 18-2-22.

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
2	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.						
	RCC Drain						
	Ambavhavani Layout						
	1st Cross Rd						
	RHS						
	Ch:0.00m to 30.00m	1	30.00	1.10	1.00	33.00	
	LHS						
	Ch:0.00m to 30.00m	1	30.00	1.10	1.00	33.00	
	2nd Cross Rd						
	RHS						
	Ch:0.00m to 28.80m	1	28.80	1.10	1.00	31.68	
	LHS						
	Ch:0.00m to 21.00m	1	21.00	1.10	1.00	23.10	
	3rd Cross Rd						
	RHS						
	Ch:0.00m to 29.70m	1	29.70	1.10	1.00	32.67	
	LHS						
	Ch:0.00m to 29.70m	1	29.70	1.10	1.00	32.67	
	4th Cross Rd						
	RHS						
	Ch: 0.00m to 30.00m	1	30.00	1.10	1.00	33.00	
	Ch: 30.00m to 41.70m	1	11.70	1.10	1.00	12.87	
	LHS						
	Ch: 0.00m to 30.00m	1	30.00	1.10	1.00	33.00	
	Ch: 30.00m to 41.70m	1	11.70	1.10	1.00	12.87	
	5th Cross Rd						
	RHS						
	Ch: 0.00m to 30.00m	1	30.00	1.10	1.00	33.00	
	Ch: 30.00m to 40.80m	1	10.80	1.10	1.00	11.88	
	LHS						
	Ch: 0.00m to 30.00m	1	30.00	1.10	1.00	33.00	
	Ch: 30.00m to 40.80m	1	10.80	1.10	1.00	11.88	
	Cross Rd-1						

Contractor

ESS ESS BUILDERS Consultant BANGALORE

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
	Ch: 30.00m to 44.50m	1	14.50	1.10	1.00	15.95	
	Culvert						
	Ambabhavani Nagara						
		1	7.10	1.50	1.00	10.65	
		1	10.10	1.50	1.00	15.15	
		1	8.00	1.50	1.00	12.00	
		1	9.40	1.50	1.00	14.10	
		1	22.00	1.50	1.00	33.00	
	Main Rd						
		1	6.50	1.50	1.00	9.75	
		1	7.00	1.50	1.00	10.50	
	Avaikya Layout						
		1	5.70	1.50	1.00	8.55	
		1	7.00	1.50	1.00	10.50	
		1	7.00	1.50	1.00	10.50	
		1	7.10	1.50	1.00	10.65	
		1	8.00	1.50	1.00	12.00	
		1	8.00	1.50	1.00	12.00	
		1	8.20	1.50	1.00	12.30	
		1	8.00	1.50	1.00	12.00	
		1	8.30	1.50	1.00	12.45	
	Sai Nagara 2nd Phase						
		1	12.10	1.50	1.00	18.15	
		1	7.40	1.50	1.00	11.10	
	2nd Bill						
	Muneshwara Layout						
	Cross Rd-4						
	LHS						
	Ch: 45.00m to 60.00m	1	15.00	1.10	1.00	16.50	
	RHS						
	Ch: 44.50m to 59.50m	1	15.00	1.10	1.00	16.50	
	Culvert						
	Muneshwara Layout	1	5.70	1.50	1.00	8.55	
	Muneshwara Layout	1	5.50	1.50	1.00	8.25	
	Muneshwara Layout	1	5.90	1.50	1.00	8.85	
					Total Qty	**7423.42**	**Cum**
					Qty Paid in 1st Bill	**7364.77**	**Cum**
					Qty to be Paid in 2nd Bill	**58.65**	**Cum**

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ESS ESS BUILDERS BANGALORE

Contractor

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Restoration and Improvements of Balance roads of Ambabhavani layout, Ambabhavaninagara, SLN Enclave, Kere Anjeenappa layout, Sainagara Phase-2, Anugraha layout, Avikya layout and Surrounding areas in ward no-03 of Yelahanka New town Sub division (PACKAGE NO-03)

Detailed Measurements

Measurement Recorded On: 3rd Bill) 21-2-22, 24-2-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
3	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:4:8 with OPC @ 180kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per						
	RCC Drain Raft						
	Ambavhavani Layout						
	1st Cross Rd						
	RHS						
	Ch:0.00m to 30.00m	1	30.00	1.10	0.15	4.95	
	LHS						
	Ch:0.00m to 30.00m	1	30.00	1.10	0.15	4.95	
	2nd Cross Rd						
	RHS						
	Ch:0.00m to 28.80m	1	28.80	1.10	0.15	4.75	
	LHS						
	Ch:0.00m to 21.00m	1	21.00	1.10	0.15	3.47	
	3rd Cross Rd						
	RHS						
	Ch:0.00m to 29.70m	1	29.70	1.10	0.15	4.90	
	LHS						
	Ch:0.00m to 29.70m	1	29.70	1.10	0.15	4.90	
	4th Cross Rd						
	RHS						
	Ch: 0.00m to 30.00m	1	30.00	1.10	0.15	4.95	
	Ch: 30.00m to 41.70m	1	11.70	1.10	0.15	1.93	
	LHS						
	Ch: 0.00m to 30.00m	1	30.00	1.10	0.15	4.95	
	Ch: 30.00m to 41.70m	1	11.70	1.10	0.15	1.93	
	5th Cross Rd						
	RHS						
	Ch: 0.00m to 30.00m	1	30.00	1.10	0.15	4.95	
	Ch: 30.00m to 40.80m	1	10.80	1.10	0.15	1.78	
	LHS						
	Ch: 0.00m to 30.00m	1	30.00	1.10	0.15	4.95	

ESS ESS BUILDERS Consultant BANGALORE

Contractor

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
		1	10.10	1.50	0.20	3.03	
		1	8.00	1.50	0.20	2.40	
		1	9.40	1.50	0.20	2.82	
		1	22.00	1.50	0.20	6.60	
	Main Rd						
		1	6.50	1.50	0.20	1.95	
		1	7.00	1.50	0.20	2.10	
	Avaikya Layout						
		1	5.70	1.50	0.20	1.71	
		1	7.00	1.50	0.20	2.10	
		1	7.00	1.50	0.20	2.10	
		1	7.10	1.50	0.20	2.13	
		1	8.00	1.50	0.20	2.40	
		1	8.00	1.50	0.20	2.40	
		1	8.20	1.50	0.20	2.46	
		1	8.00	1.50	0.20	2.40	
		1	8.30	1.50	0.20	2.49	
	Sai Nagara 2nd Phase						
		1	12.10	1.50	0.20	3.63	
		1	7.40	1.50	0.20	2.22	
	2nd Bill						
	Muneshwara Layout						
	Cross Rd-4						
	LHS						
	Ch: 45.00m to 60.00m	1	15.00	1.10	0.15	2.48	
	RHS						
	Ch: 44.50m to 59.50m	1	15.00	1.10	0.15	2.48	
	Culvert						
	Muneshwara Layout	1	5.70	1.50	0.20	1.71	
	Muneshwara Layout	1	5.50	1.50	0.20	1.65	
	Muneshwara Layout	1	5.90	1.50	0.20	1.77	
					Total Qty	**1126.56**	**Cum**
					Qty Paid in 1st Bill	**1116.48**	**Cum**
					Qty to be Paid in 2nd Bill	**10.08**	**Cum**

Contractor

ESS ESS BUILDERS Consultant BANGALORE

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Restoration and Improvements of Balance roads of Ambabhavani layout, Ambabhavaninagara, SLN Enclave, Kere Anjeenappa layout, Sainagara Phase-2, Anugraha layout, Avikya layout and Surrounding areas in ward no-03 of Yelahanka New town Sub division (PACKAGE NO-03)

Detailed Measurements

Measurement Recorded On: 2nd Bill -> 21-3-22, 28-3-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
4	KSRB 4.2.2 : Providing and laying in position plain cement concrete of mix M20 withOPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.43cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc, complete excluding cost of stell as per MORTH specification NO. 1500, 1700, 2200. Including cost of materials, labour, HOM complete as per specifications.						
	RCC Drain Raft						
	Ambavhavani Layout						
	1st Cross Rd						
	RHS						
	Ch:0.00m to 30.00m	1	30.00	0.90	0.15	4.05	
	LHS						
	Ch:0.00m to 30.00m	1	30.00	0.90	0.15	4.05	
	2nd Cross Rd						
	RHS						
	Ch:0.00m to 28.80m	1	28.80	0.90	0.15	3.89	
	LHS						
	Ch:0.00m to 21.00m	1	21.00	0.90	0.15	2.84	
	3rd Cross Rd						
	RHS						
	Ch:0.00m to 29.70m	1	29.70	0.90	0.15	4.01	
	LHS						
	Ch:0.00m to 29.70m	1	29.70	0.90	0.15	4.01	
	4th Cross Rd						
	RHS						
	Ch: 0.00m to 30.00m	1	30.00	0.90	0.15	4.05	
	Ch: 30.00m to 41.70m	1	11.70	0.90	0.15	1.58	
	LHS						
	Ch: 0.00m to 30.00m	1	30.00	0.90	0.15	4.05	
	Ch: 30.00m to 41.70m	1	11.70	0.90	0.15	1.58	
	5th Cross Rd						
	RHS						
	Ch: 0.00m to 30.00m	1	30.00	0.90	0.15	4.05	
	Ch: 30.00m to 40.80m	1	10.80	0.90	0.15	1.46	
	LHS						

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Contractor

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Sai Nagara 2nd Phase						
		2	12.10	0.23	0.45	2.50	
		2	7.40	0.23	0.50	1.70	
	2nd Bill						
	Drain Raft						
	Muneshwara Layout						
	Cross Rd-4						
	LHS						
	Ch: 45.00m to 60.00m	1	15.00	0.90	0.15	2.03	
	RHS						
	Ch: 44.50m to 59.50m	1	15.00	0.90	0.15	2.03	
	Drain Wall						
	Muneshwara Layout						
	Cross Rd-4						
	LHS						
	Ch: 45.00m to 60.00m	2	15.00	0.15	0.60	2.70	
	RHS						
	Ch: 44.50m to 59.50m	2	15.00	0.15	0.60	2.70	
	Drain corner Covers	43	0.70	1.00	0.125	3.76	
	Culvert Raft						
	Muneshwara Layout	1	5.70	1.20	0.20	1.37	
	Muneshwara Layout	1	5.50	1.20	0.20	1.32	
	Muneshwara Layout	1	5.90	1.20	0.20	1.42	
	Culvert Wall						
	Muneshwara Layout	2	5.70	0.23	0.40	1.05	
	Muneshwara Layout	2	5.50	0.23	0.45	1.14	
	Muneshwara Layout	2	5.90	0.23	0.45	1.22	
					Total Qty	**2285.70**	**Cum**
					Qty Paid in 1st Bill	**2264.98**	**Cum**
					Qty to be Paid in 2nd Bill	**20.72**	**Cum**

Contractor

ESS ESS BUILDERS Consultant BANGALORE

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Restoration and Improvements of Balance roads of Ambabhavani layout, Ambabhavaninagara, SLN Enclave, Kere Anjeenappa layout, Sainagara Phase-2, Anugraha layout, Avikya layout and Surrounding areas in ward no-03 of Yelahanka New town Sub division (PACKAGE NO-03)

Detailed Measurements

Measurement Recorded On: 2nd bill - 22-2-22, 25-2-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
5	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications.						
	RCC Drain						
	Ambavhavani Layout						
	1st Cross Rd						
	RHS						
	Total Drain Length=30.00m						
	Main Bar 10mm dia @125mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @145mm c/c						
	d=0.61kg/m						
	No of U Bars=240	240	2.10		0.61	307.44	
	No of distrubution Bars=14	14	30.00		0.61	256.20	
	LHS						
	Total Drain Length=30.00m						
	Main Bar 10mm dia @125mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @145mm c/c						
	d=0.61kg/m						
	No of U Bars=240	240	2.10		0.61	307.44	
	No of distrubution Bars=14	14	30.00		0.61	256.20	
	2nd Cross Rd						
	RHS						
	Total Drain Length=28.80m						
	Main Bar 10mm dia @125mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @145mm c/c						
	d=0.61kg/m						
	No of U Bars=230	230	2.10		0.61	294.63	
	No of distrubution Bars=14	14	28.80		0.61	245.95	
	LHS						
	Total Drain Length=21.00m						

22/02/2022

Contractor

ESS ESS BUILDERS Consultant BANGALORE

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Distrubution Bar 10mm dia @145mm c/c						
	d=0.61kg/m						
	No of U Bars=125	125	2.10		0.61	160.13	
	No of distrubution Bars=14	14	15.00		0.61	128.10	
	Culvert						
	Total Culvert Length=17.10m						
	Main Bar 12mm dia @200mm c/c						
	d=0.89kg/m double mat,						
	Distrubution Bar 10mm dia @200mm c/c						
	d=0.61kg/m double mat,						
	No of U Bars=171	171	2.30		0.89	350.84	
	No of distrubution Bars=24	24	17.10		0.61	250.34	
						1368.39.32	
					Total Qty	**136.34**	**Tn**
					Qty Paid in 1st Bill	**135.16**	**Tn**
					Qty to be Paid in 2nd Bill	**1.18**	**Tn**

Contractor

ESS ESS BUILDERS * Consultants * BANGALORE

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Restoration and Improvements of Balance roads of Ambabhavani layout, Ambabhavaninagara, SLN Enclave, Kere Anjeenappa layout, Sainagara Phase-2, Anugraha layout, Avikya layout and Surrounding areas in ward no-03 of Yelahanka New town Sub division (PACKAGE NO-03)

2nd Bill :) Detailed Measurements

Measurement Recorded On: 1-3-22, 3-3-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
14	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers,trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications.						
	Asphalt Road						
	Ambabhavani Nagara						
	1st Cross Rd						
	Ch: 0.00m to 29.70m	1	29.70	(5.40 + 5.60) / 2	0.30	49.01	
	2nd Cross Rd						
	Ch: 0.00m to 21.00m	1	21.00	(5.30 + 5.40) / 2	0.30	33.71	
	Ch: 21.00m to 27.00m	1	7.00	(4.40 + 4.30) / 2	0.30	9.14	
	3rd Cross Rd						
	Ch: 0.00m to 29.40m	1	29.40	(5.50 + 5.70) / 2	0.30	49.39	
	4th Cross Rd						
	Ch: 0.00m to 30.00m	1	30.00	(5.30 + 5.50) / 2	0.30	48.60	
	Ch: 30.00m to 41.70m	1	11.70	(5.50 + 5.20) / 2	0.30	18.78	
	5th Cross Rd						
	Ch: 0.00m to 30.00m	1	30.00	(5.60 + 5.40) / 2	0.30	49.50	
	Ch: 30.00m to 40.70m	1	10.70	(5.40 + 4.90) / 2	0.30	16.53	
	Cross Rd-1						
	Ch: 0.00m to 30.00m	1	30.00	(5.20 + 5.60) / 2	0.30	48.60	
	Ch: 30.00m to 31.00m	1	1.00	(5.60 + 5.60) / 2	0.30	1.68	

Contractor

ESS ESS BUILDERS * BANGALORE * Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth			Depth	Qty	Unit
	Ch: 90.00m to 120.00m	1	30.00	4.10 + 5.20 / 2			0.40	55.80	
	Ch: 120.00m to 150.00m	1	30.00	5.20 + 4.60 / 2			0.40	58.80	
	Ch: 150.00m to 180.00m	1	30.00	4.60 + 5.30 / 2			0.40	59.40	
	Ch: 180.00m to 210.00m	1	30.00	5.30 + 5.20 / 2			0.40	63.00	
	Ch: 210.00m to 232.00m	1	22.00	5.20 + 5.20 / 2			0.40	45.76	
	Man Hole Deduction	-30	1.20	1.10			0.30	11.88	
							Total Qty	5321.52	Cum
							Qty Paid in 1st Bill	4203.32	Cum
							Qty to be Paid in 2nd Bill	1118.20	Cum

Contractor

ESS ESS BUILDERS * BANGALORE * Consultant

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Restoration and Improvements of Balance roads of Ambabhavani layout, Ambabhavaninagara, SLN Enclave, Kere Anjeenappa layout, Sainagara Phase-2, Anugraha layout, Avikya layout and Surrounding areas in ward no-03 of Yelahanka New town Sub division (PACKAGE NO-03)

Detailed Measurements

Measurement Recorded On: 2nd bill -) 1-3-22, 4-3-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
15	KSRRB 300-58. Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications.						
	Asphalt Road						
	Ambabhavani Nagara						
	1st Cross Rd						
	Ch: 0.00m to 29.70m	1	29.70	(5.40 + 5.60)/2		163.35	
	2nd Cross Rd						
	Ch: 0.00m to 21.00m	1	21.00	(5.30 + 5.40)/2		112.35	
	Ch: 21.00m to 27.00m	1	7.00	(4.40 + 4.30)/2		30.45	
	3rd Cross Rd						
	Ch: 0.00m to 29.40m	1	29.40	(5.50 + 5.70)/2		164.64	
	4th Cross Rd						
	Ch: 0.00m to 30.00m	1	30.00	(5.30 + 5.50)/2		162.00	
	Ch: 30.00m to 41.70m	1	11.70	(5.50 + 5.20)/2		62.60	
	5th Cross Rd						
	Ch: 0.00m to 30.00m	1	30.00	(5.60 + 5.40)/2		165.00	
	Ch: 30.00m to 40.70m	1	10.70	(5.40 + 4.90)/2		55.11	
	Cross Rd-1						
	Ch: 0.00m to 30.00m	1	30.00	(5.20 + 5.60)/2		162.00	
	Ch: 30.00m to 31.00m	1	1.00	(5.60 + 5.60)/2		5.60	
	Cross Rd-2						
	Ch: 0.00m to 30.00m	1	30.00	(5.30 + 5.20)/2		157.50	

CRF
31/3/2022

Contractor

ESS ESS BUILDERS & ENGINEERS

Assistant Engineer

Assistant Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch: 30.00m to 60.00m	1	30.00	5.10 + 5.10 / 2		153.00	
	Cross Rd-3						
	Ch: 0.00m to 30.00m	1	30.00	5.10 + 5.20 / 2		154.50	
	Ch: 30.00m to 60.00m	1	30.00	5.20 + 5.10 / 2		154.50	
	Cross Rd-4						
	Ch: 0.00m to 25.00m	1	25.00	5.50 + 5.60 / 2		138.75	
	Cross Rd-5						
	Ch: 0.00m to 26.00m	1	26.00	5.10 + 6.10 / 2		145.60	
	CC Road						
	Muneeshwara Layout						
	2nd Cross Rd from end						
	Ch: 0.00m to 30.00m	1	30.00	3.70 + 3.70 / 2		111.00	
	Ch: 30.00m to 60.00m	1	30.00	3.70 + 3.70 / 2		111.00	
	Ch: 60.00m to 90.00m	1	30.00	3.70 + 4.10 / 2		117.00	
	Ch: 90.00m to 120.00m	1	30.00	4.10 + 5.20 / 2		139.50	
	Ch: 120.00m to 150.00m	1	30.00	5.20 + 4.60 / 2		147.00	
	Ch: 150.00m to 180.00m	1	30.00	4.60 + 5.30 / 2		148.50	
	Ch: 180.00m to 210.00m	1	30.00	5.30 + 5.20 / 2		157.50	
	Ch: 210.00m to 232.00m	1	22.00	5.20 + 5.20 / 2		114.40	
	Man Hole Deduction	-30	1.20	1.10		-39.60	
					Total Qty	**17389.77**	**Sqm**
					Qty Paid in 1st Bill	**14011.06**	**Sqm**
					Qty to be Paid in 2nd Bill	**3378.71**	**Sqm**

ESS ESS BUILDERS

Contractor Consultant Assistant Engineer Assistant Exec. Engineer

Name of Work: Restoration and Improvements of Balance roads of Ambabhavani layout, Ambabhavaninagara, SLN Enclave, Kere Anjeenappa layout, Sainagara Phase-2, Anugraha layout, Avikya layout and Surrounding areas in ward no-03 of Yelahanka New town Sub division (PACKAGE NO-03)

Detailed Measurements

Date of Measurements 2nd Bill → 14-3-22, 22-3-22, 24-3-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
19	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications.						
	2nd Bill						
	Asphalkt Road						
	Tack Coat For DBM						
	Ambabhavani Nagara						
	1st Cross Rd						
	Ch: 0.00m to 29.70m	1	29.70	(5.40 + 5.60)/2		163.35	
	2nd Cross Rd						
	Ch: 0.00m to 21.00m	1	21.00	(5.30 + 5.40)/2		112.35	
	Ch: 21.00m to 27.00m	1	7.00	(4.40 + 4.30)/2		30.45	
	3rd Cross Rd						
	Ch: 0.00m to 29.40m	1	29.40	(5.50 + 5.70)/2		164.64	
	4th Cross Rd						
	Ch: 0.00m to 30.00m	1	30.00	(5.30 + 5.50)/2		162.00	
	Ch: 30.00m to 41.70m	1	11.70	(5.50 + 5.20)/2		62.60	
	5th Cross Rd						
	Ch: 0.00m to 30.00m	1	30.00	(5.60 + 5.40)/2		165.00	
	Ch: 30.00m to 40.70m	1	10.70	(5.40 + 4.90)/2		55.11	
	Cross Rd-1						
	Ch: 0.00m to 30.00m	1	30.00	(5.20 + 5.60)/2		162.00	
	Ch: 30.00m to 31.00m	1	1.00	(5.60 + 5.60)/2		5.60	
	Cross Rd-2						

Contractor

ESS BUILDERS * Consultant * BANGALORE

Asst.Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch: 30.00m to 60.00m	1	30.00	5.10 + 5.10 / 2		153.00	
	Cross Rd-3						
	Ch: 0.00m to 30.00m	1	30.00	5.10 + 5.20 / 2		154.50	
	Ch: 30.00m to 60.00m	1	30.00	5.20 + 5.10 / 2		154.50	
	Cross Rd-4						
	Ch: 0.00m to 25.00m	1	25.00	5.50 + 5.60 / 2		138.75	
	Cross Rd-5						
	Ch: 0.00m to 26.00m	1	26.00	5.10 + 6.10 / 2		145.60	
	Man Hole Deduction	-30	1.20	1.10		-39.60	
					Present Qty	**32727.35**	**Sqm**

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Contractor

Consultant

BUILDERS BANGALORE

Asst.Engineer

Asst. Exec. Engineer

Name of Work: Restoration and Improvements of Balance roads of Ambabhavani layout, Ambabhavaninagara, SLN Enclave, Kere Anjeenappa layout, Sainagara Phase-2, Anugraha layout, Avikya layout and Surrounding areas in ward no-03 of Yelahanka New town Sub division (PACKAGE NO-03)

Detailed Measurements

Date of Measurements 2nd bill 17-3-22, 21-3-22, 25-3-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
20	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. - do - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen						
	2nd Bill						
	Asphalkt Road						
	Ambabhavani Nagara						
	1st Cross Rd						
	Ch: 0.00m to 29.70m	1	29.70	(5.40 + 5.60)/2	0.05	8.17	
	2nd Cross Rd						
	Ch: 0.00m to 21.00m	1	21.00	(5.30 + 5.40)/2	0.05	5.62	
	Ch: 21.00m to 27.00m	1	7.00	(4.40 + 4.30)/2	0.05	1.52	
	3rd Cross Rd						
	Ch: 0.00m to 29.40m	1	29.40	(5.50 + 5.70)/2	0.05	8.23	
	4th Cross Rd						
	Ch: 0.00m to 30.00m	1	30.00	(5.30 + 5.50)/2	0.05	8.10	
	Ch: 30.00m to 41.70m	1	11.70	(5.50 + 5.20)/2	0.05	3.13	
	5th Cross Rd						
	Ch: 0.00m to 30.00m	1	30.00	(5.60 + 5.40)/2	0.05	8.25	
	Ch: 30.00m to 40.70m	1	10.70	(5.40 + 4.90)/2	0.05	7.76	
	Cross Rd-1						
	Ch: 0.00m to 30.00m	1	30.00	(5.20 + 5.60)/2	0.05	8.10	

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ESS BUILDERS & CONSULTANTS BANGALORE

Contractor

Asst. Engineer

Asst. Exec. Engineer

No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Cross Rd-2						
	Ch: 0.00m to 30.00m	1	30.00	(5.30 + 5.10) / 2	0.05	7.80	
	Ch: 30.00m to 60.00m	1	30.00	(5.10 + 5.10) / 2	0.05	7.65	
	Cross Rd-3						
	Ch: 0.00m to 30.00m	1	30.00	(5.10 + 5.20) / 2	0.05	7.73	
	Ch: 30.00m to 60.00m	1	30.00	(5.20 + 5.10) / 2	0.05	7.73	
	Cross Rd-4						
	Ch: 0.00m to 25.00m	1	25.00	(5.50 + 5.60) / 2	0.05	6.94	
	Cross Rd-5						
	Ch: 0.00m to 26.00m	1	26.00	(5.10 + 6.10) / 2	0.05	7.28	
	Man Hole Deduction	-30	1.20	1.10	0.05	-1.98	
					Present Qty	**817.19**	**Cum**

Contractor

ASSESS BUILDERS * BANGALORE * Consultant

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Restoration and Improvements of Balance roads of Ambabhavani layout, Ambabhavaninagara, SLN Enclave, Kere Anjeenappa layout, Sainagara Phase-2, Anugraha layout, Avikya layout and Surrounding areas in ward no-03 of Yelahanka New town Sub division (PACKAGE NO-03)

Detailed Measurements

Date of Measurements 2nd Bill-) 05-3-22, 9-3-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
E1	Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @0.58cum over a prepared sub-base, coarse and fine aggregate conforming to IS: 383-2016,aggregate cement ratio not to exceed 15:1, Aggregate gradation after blending to be as per Table 600-1 .optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. Clause 601 of MORTH V Revision and IS 456 Table-5 do- with OPC at 150 kg/cum and coarse aggregate 0.86cum, fine aggregate 0.58cum using Concrete Batch mix Plant at 75 cum/hr capacity with fixed form paver.						
	Muneeshwara Layout						
	CC Road						
	2nd Cross Rd from end						
	Ch: 0.00m to 30.00m	1	30.00	(3.70 + 3.70)/2	0.15	16.65	
	Ch: 30.00m to 60.00m	1	30.00	(3.70 + 3.70)/2	0.15	16.65	
	Ch: 60.00m to 90.00m	1	30.00	(3.70 + 4.10)/2	0.15	17.55	
	Ch: 90.00m to 120.00m	1	30.00	(4.10 + 5.20)/2	0.15	20.93	
	Ch: 120.00m to 150.00m	1	30.00	(5.20 + 4.60)/2	0.15	22.05	
	Ch: 150.00m to 180.00m	1	30.00	(4.60 + 5.30)/2	0.15	22.28	
	Ch: 180.00m to 210.00m	1	30.00	(5.30 + 5.20)/2	0.15	23.63	
	Ch: 210.00m to 232.00m	1	22.00	(5.20 + 5.20)/2	0.15	17.16	
					Present Qty	**156.89**	**Cum**

Contractor

ESS ESS BUILDERS * Consultants BANGALORE

Assistant Engineer

Assistant Exec. Engineer

Name of Work: Restoration and Improvements of Balance roads of Ambabhavani layout, Ambabhavaninagara, SLN Enclave, Kere Anjeenappa layout, Sainagara Phase-2, Anugraha layout, Avikya layout and Surrounding areas in ward no-03 of Yelahanka New town Sub division (PACKAGE NO-03)

Detailed Measurements

Measurement Recorded On: 2nd bill - 8-4-22, 18-4-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
6	Providing and Fixing Pre cast covering slab 100mm thick made out of CC, jelly 20mm Down Size with steel reinforcement including form work, curing, includeing cost of all materials labour,hire charges of machinery, loading, unloading, lead abd lift, transportation etc complete as per								
	RCC Drain Covering Slab								
	Ambavhavani Layout								
	1st Cross Rd								
	RHS								
	Ch:0.00m to 30.00m	1	30.00	0.90		27.00			
	LHS								
	Ch:0.00m to 30.00m	1	30.00	0.90		27.00			
	2nd Cross Rd								
	RHS								
	Ch:0.00m to 28.80m	1	28.80	0.90		25.92			
	LHS								
	Ch:0.00m to 21.00m	1	21.00	0.90		18.90			
	3rd Cross Rd								
	RHS								
	Ch:0.00m to 29.70m	1	29.70	0.90		26.73			
	LHS								
	Ch:0.00m to 29.70m	1	29.70	0.90		26.73			
	4th Cross Rd								
	RHS								
	Ch: 0.00m to 30.00m	1	30.00	0.90		27.00			
	Ch: 30.00m to 41.70m	1	11.70	0.90		10.53			
	LHS								
	Ch: 0.00m to 30.00m	1	30.00	0.90		27.00			
	Ch: 30.00m to 41.70m	1	11.70	0.90		10.53			
	5th Cross Rd								
	RHS								
	Ch: 0.00m to 30.00m	1	30.00	0.90		27.00			
	Ch: 30.00m to 40.80m	1	10.80	0.90		9.72			
	LHS								
	Ch: 0.00m to 30.00m	1	30.00	0.90		27.00			
	Ch: 30.00m to 40.80m	1	10.80	0.90		9.72			
	Cross Rd-1								

Contractor

ESS BUILDERS & Consultants BANGALORE

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 30.00m to 45.00m	1	15.00	0.90		13.50			
	RHS								
	Ch: 0.00m to 30.00m	1	30.00	0.90		27.00			
	Ch: 30.00m to 44.50m	1	14.50	0.90		13.05			
	Drain Corner Missing Slabs	288	0.60	0.90		155.52			
	2nd Bill								
	Drain Raft								
	Muneshwara Layout								
	Cross Rd-4								
	LHS								
	Ch: 45.00m to 60.00m	1	15.00	0.90		13.50			
	RHS								
	Ch: 44.50m to 59.50m	1	15.00	0.90		13.50			
					Total Qty	5684.04	Sqm		
					Qty Paid in 1st Bill	5657.04	Sqm	1941.22	10981559.19
					Qty to be Paid in 2nd Bill	27.00	Sqm	1941.22	52412.94

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Contractor

M/S ESS ESS BUILDERS Consultant BANGALORE

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Restoration and Improvements of Balance roads of Ambabhavani layout, Ambabhavaninagara, SLN Enclave, Kere Anjeenappa layout, Sainagara Phase-2, Anugraha layout, Avikya layout and Surrounding areas in ward no-03 of Yelahanka New town Sub division (PACKAGE NO-03)

Detailed Measurements

Measurement Recorded On: 2nd Bill - 20-4-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
7	Providing and fixing RCC precast cover slab of 230mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc,								
	Culvert Raft								
	Ambabhavani Nagara								
		1	7.10	1.20		8.52			
		1	10.10	1.20		12.12			
		1	8.00	1.20		9.60			
		1	9.40	1.20		11.28			
		1	22.00	1.20		26.40			
	Main Rd								
		1	6.50	1.20		7.80			
		1	7.00	1.20		8.40			
	Avaikya Layout								
		1	5.70	1.20		6.84			
		1	7.00	1.20		8.40			
		1	7.00	1.20		8.40			
		1	7.10	1.20		8.52			
		1	8.00	1.20		9.60			
		1	8.00	1.20		9.60			
		1	8.20	1.20		9.84			
		1	8.00	1.20		9.60			
		1	8.30	1.20		9.96			
	Sai Nagara 2nd Phase								
		1	12.10	1.20		14.52			
		1	7.40	1.20		8.88			
	2nd Bill								
	Muneshwara Layout	1	5.70	1.20		6.84			
	Muneshwara Layout	1	5.50	1.20		6.60			
	Muneshwara Layout	1	5.90	1.20		7.08			
					Total Qty	208.80	Sqm		
					Qty Paid in 1st Bill	188.28	Sqm	4530.86	853070.32
					Qty to be Paid in 2nd Bill	20.52	Sqm	4530.86	92973.25

Contractor

ESS ESS BUILDERS Consultant BANGALORE

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	3rd Main Rd								
	RHS								
	Ch: 0.00m to 30.00m	1	30.00			30.00			
	Ch: 30.00m to 39.00m	1	9.00			9.00			
	Main Rd (Double Rd)								
	LHS								
	Ch: 0.00m to 30.00m	1	30.00			30.00			
	Ch: 30.00m to 43.30m	1	13.30			13.30			
	Ch: 43.30m to 56.30m		13.00						
	Ch: 56.30m to 86.30m	1	30.00			30.00			
	Ch: 86.30m to 116.30m	1	30.00			30.00			
	Ch: 116.30m to 136.30m	1	20.00			20.00			
	Ch: 136.30m to 150.30m		14.00						
	Ch: 150.30m to 180.30m	1	30.00			30.00			
	Ch: 180.30m to 210.30m	1	30.00			30.00			
	Ch: 210.30m to 240.30m	1	30.00			30.00			
	Ch: 240.30m to 270.30m	1	30.00			30.00			
	Ch: 270.30m to 274.30m	1	4.00			4.00			
	1st A Cross Rd								
	LHS								
	Ch: 0.00m to 30.00m	1	30.00			30.00			
	Ch: 30.00m to 60.00m	1	30.00			30.00			
	Ch: 60.00m to 85.60m	1	25.60			25.60			
	RHS								
	Ch: 0.00m to 25.60m	1	25.60			25.60			
	Ch: 25.60m to 31.10m		5.50						
	Ch: 31.10m to 49.30m	1	18.20			18.20			
	Ch: 49.30m to 61.30m		12.00						
	Ch: 61.30m to 85.30m	1	24.00			24.00			
	Tree Portions	225	2.20			495.00			
	For Shoulder	34	2.20			74.80			
	Deduct For Trees	-15	1.00			-15.00			
	2nd Bill								
	Muneshwara Layout								
	Cross Rd-4								
	LHS								
	Ch: 45.00m to 60.00m	1	15.00			15.00			
	RHS								
	Ch: 44.50m to 59.50m	1	15.00			15.00			
						7607.90	m		
					Total Qty	16907.00	Nos		
					Qty Paid in 1st Bill	16840.00	Nos	436.80	7355712.00
					Qty to be Paid in 2nd Bill	67.00	Nos	436.80	29265.60

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Contractor

ESS ESS BUILDERS & Consultants BANGALORE

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Restoration and Improvements of Balance roads of Ambabhavani layout, Ambabhavaninagara, SLN Enclave, Kere Anjeenappa layout, Sainagara Phase-2, Anugraha layout, Avikya layout and Surrounding areas in ward no-03 of Yelahanka New town Sub division (PACKAGE NO-03)

Detailed Measurements

Measurement Recorded On: 2nd bill - 27-4-22

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
13	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications.								
	For Kerb								
	Ambavhavani Layout								
	1st Cross Rd								
	RHS								
	Ch:0.00m to 30.00m	1	30.00		0.35	10.50			
	LHS								
	Ch:0.00m to 30.00m	1	30.00		0.35	10.50			
	2nd Cross Rd								
	RHS								
	Ch:0.00m to 28.80m	1	28.80		0.35	10.08			
	LHS								
	Ch:0.00m to 21.00m	1	21.00		0.35	7.35			
	3rd Cross Rd								
	RHS								
	Ch:0.00m to 29.70m	1	29.70		0.35	10.40			
	LHS								
	Ch:0.00m to 29.70m	1	29.70		0.35	10.40			
	4th Cross Rd								
	RHS								
	Ch: 0.00m to 30.00m	1	30.00		0.35	10.50			
	Ch: 30.00m to 41.70m	1	11.70		0.35	4.10			
	LHS								
	Ch: 0.00m to 30.00m	1	30.00		0.35	10.50			
	Ch: 30.00m to 41.70m	1	11.70		0.35	4.10			
	5th Cross Rd								
	RHS								
	Ch: 0.00m to 30.00m	1	30.00		0.35	10.50			
	Ch: 30.00m to 40.80m	1	10.80		0.35	3.78			
	LHS								
	Ch: 0.00m to 30.00m	1	30.00		0.35	10.50			
	Ch: 30.00m to 40.80m	1	10.80		0.35	3.78			
	Cross Rd-1								
	RHS								
	Ch: 0.00m to 16.40m	1	16.40		0.35	5.74			
	LHS								
	Ch: 0.00m to 21.60m	1	21.60		0.35	7.56			
	Cross Rd-2								

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Contractor

ESS ESS BUILDERS Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 210.30m to 240.30m	1	30.00		0.35	10.50			
	Ch: 240.30m to 270.30m	1	30.00		0.35	10.50			
	Ch: 270.30m to 274.30m	1	4.00		0.35	1.40			
	1st A Cross Rd								
	LHS								
	Ch: 0.00m to 30.00m	1	30.00		0.35	10.50			
	Ch: 30.00m to 60.00m	1	30.00		0.35	10.50			
	Ch: 60.00m to 85.60m	1	25.60		0.35	8.96			
	RHS								
	Ch: 0.00m to 25.60m	1	25.60		0.35	8.96			
	Ch: 25.60m to 31.10m		5.50						
	Ch: 31.10m to 49.30m	1	18.20		0.35	6.37			
	Ch: 49.30m to 61.30m		12.00						
	Ch: 61.30m to 85.30m	1	24.00		0.35	8.40			
	2nd Bill								
	Muneshwara Layout								
	Cross Rd-4								
	LHS								
	Ch: 45.00m to 60.00m	1	15.00		0.35	5.25			
	RHS								
	Ch: 44.50m to 59.50m	1	15.00		0.35	5.25			
					Total Qty	2468.59	Sqm		
					Qty Paid in 1st Bill	2458.09	Sqm	85.65	210535.41
					Qty to be Paid in 2nd Bill	10.50	Sqm	85.65	898.90

Contractor

ESS ESS BUILDERS * Consultant * BANGALORE

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Restoration and Improvements of Balance roads of Ambabhavani layout, Ambabhavaninagara, SLN Enclave, Kere Anjeenappa layout, Sainagara Phase-2, Anugraha layout, Avikya layout and Surrounding areas in ward no-03 of Yelahanka New town Sub division (PACKAGE NO-03)

Detailed Measurements

Date of Measurements 2nd Bill-2 11-4-22, 13-4-22, 19-4-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
21	KSRRB M500-19. Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. - do - using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 40 mm) with 5.4% VG-30 Bitumen								
	Asphalkt Road								
	Ambabhavani Nagara								
	1st Cross Rd								
	Ch: 0.00m to 29.70m	1	29.70	(5.40 + 5.60)/2	0.04	6.53			
	2nd Cross Rd								
	Ch: 0.00m to 21.00m	1	21.00	(5.30 + 5.40)/2	0.04	4.49			
	Ch: 21.00m to 27.00m	1	7.00	(4.40 + 4.30)/2	0.04	1.22			
	3rd Cross Rd								
	Ch: 0.00m to 29.40m	1	29.40	(5.50 + 5.70)/2	0.04	6.59			
	4th Cross Rd								
	Ch: 0.00m to 30.00m	1	30.00	(5.30 + 5.50)/2	0.04	6.48			
	Ch: 30.00m to 41.70m	1	11.70	(5.50 + 5.20)/2	0.04	2.50			
	5th Cross Rd								
	Ch: 0.00m to 30.00m	1	30.00	(5.60 + 5.40)/2	0.04	6.60			
	Ch: 30.00m to 40.70m	1	10.70	(5.40 + 4.90)/2	0.04	2.20			
	Cross Rd-1								
	Ch: 0.00m to 30.00m	1	30.00	(5.20 + 5.60)/2	0.04	6.48			
	Ch: 30.00m to 31.00m	1	1.00	(5.60 + 5.60)/2	0.04	0.22			
	Cross Rd-2								
	Ch: 0.00m to 30.00m	1	30.00	(5.30 + 5.20)/2	0.04	6.30			
	Ch: 30.00m to 60.00m	1	30.00	(5.20 + 5.80)/2	0.04	6.60			
	Ch: 60.00m to 62.00m	1	2.00	(5.80 + 6.00)/2	0.04	0.47			
	Cross Rd-3								

29/4/2022

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Contractor

ESS BUILDERS * BANGALORE * Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 0.00m to 18.60m	1	18.60	(6.60 + 5.30)/2	0.04	4.43			
	Cross Rd-4								
	Ch: 0.00m to 30.00m	1	30.00	(19.50 + 16.20)/2	0.04	21.42			
	Ch: 30.00m to 60.00m	1	30.00	(16.20 + 20.80)/2	0.04	22.20			
	Ch: 60.00m to 63.60m	1	3.60	(20.80 + 21.30)/2	0.04	3.03			
	Ch: 63.60m to 64.80m Culvert Gap		1.20						
	Ch: 64.80m to 82.80m	1	18.00	(17.20 + 15.70)/2	0.04	11.84			
	Ch: 82.80m to 96.80m	1	14.00	(12.70 + 13.30)/2	0.04	7.28			
	Cross Rd-5								
	Ch: 0.00m to 30.00m	1	30.00	(6.60 + 5.20)/2	0.04	7.08			
	Ch: 30.00m to 40.30m	1	10.30	(5.20 + 5.00)/2	0.04	2.10			
	6th Cross Rd								
	Ch: 0.00m to 30.00m	1	30.00	(6.00 + 5.30)/0	0.04	6.78			
	Ch: 30.00m to 60.00m	1	30.00	(5.30 + 5.50)/2	0.04	6.48			
	Ch: 60.00m to 90.00m	1	30.00	(5.50 + 5.40)/0	0.04	6.54			
	Ch: 90.00m to 114.60m	1	24.60	(5.40 + 5.60)/2	0.04	5.41			
	Main Rd								
	Ch: 0.00m to 30.00m	1	30.00	(6.60 + 7.30)/2	0.04	8.34			
	Ch: 30.00m to 60.00m	1	30.00	(7.30 + 7.10)/2	0.04	8.64			
	Ch: 60.00m to 90.00m	1	30.00	(7.10 + 7.00)/2	0.04	8.46			
	Ch: 90.00m to 120.00m	1	30.00	(7.00 + 7.15)/2	0.04	8.49			
	Ch: 120.00m to 139.50m	1	19.50	(7.15 + 7.10)/2	0.04	5.56			
	Sai Nagara 2nd Phase								
	10th Cross Rd								
	Ch: 0.00m to 30.00m	1	30.00	(6.40 + 6.50)/2	0.04	7.74			
	Ch: 30.00m to 39.40m	1	9.40	(6.50 + 6.20)/2	0.04	2.39			
	Ch: 39.40m to 46.00m	1	6.60	(5.30 + 5.30)/2	0.04	1.40			

Contractor

ESS ESS BUILDERS * Consultant * BANGALORE

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 46.00m to 76.00m	1	30.00	(6.30 + 6.35)/2	0.04	7.59			
	Ch: .00m to 106.00m	1	30.00	(6.35 + 6.15)/2	0.04	7.50			
	Ch: 106.00m to 114.80m	1	8.80	(6.15 + 6.20)/2	0.04	2.17			
	11th Cross Rd								
	Ch: 0.00m to 30.00m	1	30.00	(5.20 + 5.60)/2	0.04	6.48			
	Ch: 30.00m to 60.00m	1	30.00	(5.60 + 5.70)/2	0.04	6.78			
	Ch: 60.00m to 90.00m	1	30.00	(5.70 + 5.90)/2	0.04	6.96			
	Ch: 90.00m to 120.00m	1	30.00	(5.90 + 6.80)/2	0.04	7.62			
	Ch: 120.00m to 127.00m	1	7.00	(6.80 + 6.90)/2	0.04	1.92			
	1st Cross Rd								
	Ch: 0.00m to 30.00m	1	30.00	(11.60 + 11.70)/2	0.04	13.98			
	Ch: 30.00m to 32.00m	1	2.00	(11.70 + 11.70)/2	0.04	0.94			
	2nd Cross Rd								
	Ch: 0.00m to 30.00m	1	30.00	(6.90 + 6.80)/2	0.04	8.22			
	Ch: 30.00m to 58.00m	1	28.00	(6.80 + 6.90)/2	0.04	7.67			
	Avaikya Layout								
	1st Cross Rd								
	Ch: 0.00m to 21.00m	1	21.00	(7.10 + 7.10)/2	0.04	5.96			
	2nd Cross Rd								
	Ch: 0.00m to 30.00m	1	30.00	(7.10 + 7.10)/2	0.04	8.52			
	Ch: 30.00m to 60.00m	1	30.00	(7.10 + 7.15)/2	0.04	8.55			
	Ch: 60.00m to 90.00m	1	30.00	(7.15 + 7.20)/2	0.04	8.61			
	Ch: 90.00m to 120.00m	1	30.00	(7.20 + 7.20)/2	0.04	8.64			
	Ch: 120.00m to 121.00m	1	1.00	(7.20 + 7.30)/2	0.04	0.29			
	3rd Cross Rd								
	Ch: 0.00m to 30.00m	1	30.00	(7.10 + 6.90)/2	0.04	8.40			
	Ch: 30.00m to 60.00m	1	30.00	(6.90 + 7.00)/2	0.04	8.34			
	Ch: 60.00m to 90.00m	1	30.00	(7.00 + 6.90)/2	0.04	8.34			

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Contractor

ESS BUILDERS * Consultant * BANGALORE

Asst. Enginber

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 90.00m to 120.00m	1	30.00	(6.90 + 6.80)/2	0.04	8.22			
	Ch: 120.00m to 124.50m	1	4.50	(6.80 + 6.80)/2	0.04	1.22			
	4th Cross Rd								
	Ch: 0.00m to 30.00m	1	30.00	(7.00 + 7.20)/2	0.04	8.52			
	Ch: 30.00m to 60.00m	1	30.00	(7.20 + 7.00)/2	0.04	8.52			
	Ch: 60.00m to 90.00m	1	30.00	(7.00 + 7.10)/2	0.04	8.46			
	Ch: 90.00m to 120.00m	1	30.00	(7.10 + 6.70)/2	0.04	8.28			
	Ch: 120.00m to 127.10m	1	7.10	(6.70 + 6.80)/2	0.04	1.92			
	Main Rd								
	Ch: 0.00m to 30.00m	1	30.00	(7.10 + 6.90)/2	0.04	8.40			
	Ch: 30.00m to 60.00m	1	30.00	(6.90 + 6.90)/2	0.04	8.28			
	Ch: 60.00m to 90.00m	1	30.00	(6.90 + 7.10)/2	0.04	8.40			
	Ch: 90.00m to 120.00m	1	30.00	(7.10 + 7.00)/2	0.04	8.46			
	Ch: 120.00m to 134.60m	1	14.60	(7.00 + 7.10)/2	0.04	4.12			
	Ch: 134.60m to 164.60m	1	30.00	(7.25 + 7.20)/2	0.04	8.67			
	Ch: 164.60m to 194.60m	1	30.00	(7.20 + 7.10)/2	0.04	8.58			
	Ch: 194.60m to 224.60m	1	30.00	(7.10 + 7.20)/2	0.04	8.58			
	Ch: 224.60m to 254.60m	1	30.00	(7.20 + 7.10)/2	0.04	8.58			
	Ch: 254.60m to 262.40m	1	7.80	(7.10 + 7.00)/2	0.04	2.20			
	Ch: 262.40m to 263.60m Culvert Gap		1.20						
	Ch: 263.60m to 284.90m	1	21.30	(7.00 + 7.10)/2	0.04	6.01			
	7th Cross Rd								
	Ch: 0.00m to 30.00m	1	30.00	(6.90 + 7.00)/2	0.04	8.34			
	Ch: 30.00m to 40.00m	1	10.00	(7.00 + 7.00)/2	0.04	2.80			
	8th Cross Rd								
	Ch: 0.00m to 30.00m	1	30.00	(7.50 + 7.40)/2	0.04	8.94			

10/6/2022

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Contractor

M/s ESS ESS BUILDERS Consultant BANGALORE

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 30.00m to 60.00m	1	30.00	(5.40 + 5.20)/2	0.04	6.36			
	Ch: 60.00m to 61.50m	1	1.50	(5.20 + 5.20)/2	0.04	0.31			
	Cross Rd-2								
	Ch: 0.00m to 30.00m	1	30.00	(5.30 + 5.10)/2	0.04	6.24			
	Ch: 30.00m to 60.00m	1	30.00	(5.10 + 5.10)/2	0.04	6.12			
	Cross Rd-3								
	Ch: 0.00m to 30.00m	1	30.00	(5.10 + 5.20)/2	0.04	6.18			
	Ch: 30.00m to 60.00m	1	30.00	(5.20 + 5.10)/2	0.04	6.18			
	Cross Rd-4								
	Ch: 0.00m to 25.00m	1	25.00	(5.50 + 5.60)/2	0.04	5.55			
	Cross Rd-5								
	Ch: 0.00m to 26.00m	1	26.00	(5.10 + 6.10)/2	0.04	5.82			
	Man Hole Deduction	-30	1.20	1.10	0.04	-1.58			
					Present Qty	653.75	Cum	8534.82	5579680.40

Contractor

ESS ESS BUILDERS Consultant BANGALORE

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Restoration and Improvements of Balance roads of Ambabhavani layout, Ambabhavaninagara, SLN Enclave, Kere Anjeenappa layout, Sainagara Phase-2, Anugraha layout, Avikya layout and Surrounding areas in ward no-03 of Yelahanka New town Sub division (PACKAGE NO-03)

Detailed Measurements

Date of Measurements 2nd Bill → 18-4-22, 21-4-22, 25-4-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
22	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.								
	Asphalkt Road								
	Ambabhavani Nagara								
	1st Cross Rd								
	Ch: 0.00m to 29.70m	2	29.70	0.10		5.94			
	2nd Cross Rd								
	Ch: 0.00m to 21.00m	2	21.00	0.10		4.20			
	Ch: 21.00m to 29.00m	2	7.00	0.10		1.40			
	3rd Cross Rd								
	Ch: 0.00m to 29.40m	2	29.40	0.10		5.88			
	4th Cross Rd								
	Ch: 0.00m to 30.00m	2	30.00	0.10		6.00			
	Ch: 30.00m to 41.70m	2	11.70	0.10		2.34			
	5th Cross Rd								
	Ch: 0.00m to 30.00m	2	30.00	0.10		6.00			
	Ch: 30.00m to 40.70m	2	10.70	0.10		2.14			
	Cross Rd-1								
	Ch: 0.00m to 30.00m	2	30.00	0.10		6.00			
	Ch: 30.00m to 31.00m	2	1.00	0.10		0.20			
	Cross Rd-2								
	Ch: 0.00m to 30.00m	2	30.00	0.10		6.00			
	Ch: 30.00m to 60.00m	2	30.00	0.10		6.00			
	Ch: 60.00m to 62.00m	2	2.00	0.10		0.40			
	Cross Rd-3								
	Ch: 0.00m to 18.60m	2	18.60	0.10		3.72			
	Cross Rd-4								
	Ch: 0.00m to 30.00m	2.5	30.00	0.10		7.50			
	Ch: 30.00m to 60.00m	2.5	30.00	0.10		7.50			
	Ch: 60.00m to 63.60m	2.5	3.60	0.10		0.90			
	Ch: 63.60m to 64.80m Culvert Gap		1.20						
	Ch: 64.80m to 82.80m	2.5	18.00	0.10		4.50			
	Ch: 82.80m to 96.80m	2.5	14.00	0.10		3.50			
	Cross Rd-5								

Contractor

ESS BUILDERS Consultant ORE

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 60.00m to 90.00m	2	30.00	0.10		6.00			
	Ch: 90.00m to 120.00m	2	30.00	0.10		6.00			
	Ch: 120.00m to 148.50m	2	28.50	0.10		5.70			
	Culvert Gap								
	Ch: 148.50m to 178.50m	2	30.00	0.10		6.00			
	Ch: 178.50m to 208.50m	2	30.00	0.10		6.00			
	Ch: 208.50m to 214.70m	2	6.20	0.10		1.24			
	Cross Rd-1								
	Ch: 0.00m to 30.00m	2	30.00	0.10		6.00			
	Ch: 30.00m to 60.00m	2	30.00	0.10		6.00			
	Ch: 60.00m to 61.50m	2	1.50	0.10		0.30			
	Cross Rd-2								
	Ch: 0.00m to 30.00m	2	30.00	0.10		6.00			
	Ch: 30.00m to 60.00m	2	30.00	0.10		6.00			
	Cross Rd-3								
	Ch: 0.00m to 30.00m	2	30.00	0.10		6.00			
	Ch: 30.00m to 60.00m	2	30.00	0.10		6.00			
	Cross Rd-4								
	Ch: 0.00m to 25.00m	2	25.00	0.10		5.00			
	Cross Rd-5								
	Ch: 0.00m to 26.00m	2	26.00	0.10		5.20			
					Present Qty	535.55	Sqm	459.29	245972.76

Contractor

ESS ESS BUILDERS Consultant BANGALORE

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Restoration and Improvements of Balance roads of Ambabhavani layout, Ambabhavaninagara, SLN Enclave, Kere Anjeenappa layout, Salnagara Phase-2, Anugraha layout, Avikya layout and Surrounding areas in ward no-03 of Yelahanka New town Sub division (PACKAGE NO-03)

Detailed Measurements

Date of Measurements 2nd Bill of 18-4-22.

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
E2	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum. OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing) Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, soparation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials, labour,hire charges of machineries,all lead & lift charges etc., complete as per specifications.								
	Muneeshwara Layout								
	CC Road								
	2nd Cross Rd from end								
	Ch: 0.00m to 30.00m	1	30.00	(3.70 + 3.70)/2	0.15	16.65			
	Ch: 30.00m to 60.00m	1	30.00	(3.70 + 3.70)/2	0.15	16.65			
	Ch: 60.00m to 90.00m	1	30.00	(3.70 + 4.10)/2	0.15	17.55			
	Ch: 90.00m to 120.00m	1	30.00	(4.10 + 5.20)/2	0.15	20.93			
	Ch: 120.00m to 150.00m	1	30.00	(5.20 + 4.60)/2	0.15	22.05			
	Ch: 150.00m to 180.00m	1	30.00	(4.60 + 5.30)/2	0.15	22.28			
	Ch: 180.00m to 210.00m	1	30.00	(5.30 + 5.20)/2	0.15	23.63			
	Ch: 210.00m to 232.00m	1	22.00	(5.20 + 5.20)/2	0.15	17.16			
						Present Qty	156.89	Cum	5690.64	892776.53
						Amount Paid In 1st Bill		71645993.81	
						Amount to be Paid In 2nd Bill		16696091.25	
						Total Amount		2003530.95	
						Deduct Amount Paid In 1st Bill		71645993.81	
						SUB TOTAL		16696091.25	
						GST 12%		2003530.95	
						GRAND TOTAL		18699622.20	

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ಜ ಜ ಎಂ.ಕಿ. ಬೆಂಗಳೂರು-106

ESS ESS BUILDERS BANGALORE

Contractor Consultant

Asst. Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಜ ಜ ಎಂ.ಕಿ. ಬೆಂಗಳೂರು-106